

FORM PTO-1449 (Modified)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 05977PD USA	SERIAL NO.
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		APPLICANT MacDougall, et al.	11002 U.S. PTO 10/046434 01/14/03
		FILING DATE <u>01/14/2002</u>	

(37 CFR 1.98(b))

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPRO- PRIATE
SSS	5 8 5 8 4 5 7	1/12/99	Brinker, et al	427	162	9/25/97
SSS	5 6 4 5 8 9 1	7/8/97	Liu, et al	427	376.2	11/23/94
SSS	5 9 5 5 1 4 0	9/21/99	Smith, et al	427	96	11/14/96
SSS	5 0 2 1 3 9 8	6/4/91	Sharma, et al	505	1	10/26/89
SSS	4 0 1 0 1 3 3	3/1/77	Takashi Nakayama	260	29.6	3/22/73
SSS	5 8 5 8 5 2 6	1/12/99	Floch, et al	428	327	7/13/94
SSS	5 6 0 5 6 2 8	2/25/97	Davidson, et al	210	321.83	12/6/94
SSS	6 1 2 0 8 9 1	9/19/00	Balkus, Jr., et al	428	336	10/29/97
SSS	6 0 2 7 6 6 6	2/22/00	Ozin, et al	252	301.4 R	6/5/98
SSS	5 9 2 2 2 9 9	7/13/99	Bruinsma, et al	423	335	8/26/97
SSS	5 9 5 5 1 4 0	9/21/99	Smith, et al	427	96	11/14/96
SSS	5 8 8 9 4 4 9	3/30/99	Slawomir J. Fiedziuszko	333	239	12/7/95
SSS	6 0 1 1 1 6 7	1/4/00	Tashiro, et al	556	410	12/26/97
SSS	5 9 6 9 0 8 8	10/19/99	Ezzell, et al	528	353	5/5/98
SSS	6 2 0 8 0 1 4	3/27/01	Wu, et al	257	629	1/22/99
SSS	6 2 1 1 0 9 6	4/3/01	Allman, et al	438	787	3/21/97

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
SSS	9 9 3 7 7 0 5	7/29/99	WO	C08J	9/00 x
SSS	0 0 3 9 0 2 8	7/6/00	WO	C01B	37/02 X
SSS	0 0 3 7 3 7 4	6/29/00	WO	C03C	17/00 x

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

SSS	"Introduction to Ceramics" p. 948, John Wiley & Sons, Inc., 1970.
SSS	"Sol-Gel Science", p. 118, Academic Press, Inc., Harcourt Brace Jovanovich Publishers, 1990.
SSS	"Nanoporous Silica For Low K Dielectrics", Ramos, et al, 443 Mat. Res. Soc. Symp. Proc. Vol. 91, 1997.
SSS	"Pore Structure Characterization of Porous Films", Graves, et al, 5 Langmuir 459-66, 1989.
SSS	"Microporous and Mesoporous Materials", Impens, et al, 1999, 28, 217-232.
SSS	"A New Family of Mesoporous Molecular Sieves Prepared With Liquid Crystal Templates", Beck, et al, 114 J. Am. Chem. Soc. 10834-43, 1992.
SSS	Characterization of Engineering Surfaces By Grazing-Incidence X-ray Reflectivity", Bowen, et al, Nanotechnology, 4, p. 175-182, 1993.
SSS	Derwent (2000-482474)
SSS	Derwent (2000-490810)

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial citati n consid r d. Draw line through citation if n t in conformance and not consider d. Include copy f this f rm with n xt c mmunication t applicant.